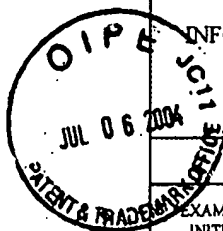


FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. 7432-0054	APPLICATION NO. 10/811,121
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)		APPLICANT Burrow et al.	
		FILING DATE 26/March/2004	ART UNIT 3743



## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
TKM	AA	6,003,511	12/21/99	Fukunaga et al.	128	202.27	7/15/98
TKM	AB	5,983,896	11/16/99	Fukunaga et al.	128	202.27	2/4/98
TKM	AC	5,983,894	11/16/99	Fukunaga et al.	128	205.29	7/15/98
TKM	AD	5,983,891	11/16/99	Fukunaga et al.	128	200.24	7/15/98
TKM	AE	5,823,184	10/20/1998	Gross	128	204.18	3/25/97
TKM	AF	5,778,872	07/14/1998	Fukunaga et al.	128	202.27	11/18/96
TKM	AG	5,722,391	03/03/1998	Rosenkoetter et al.	128	200.24	11/12/1996
TKM	AH	5,715,815	2/10/1998	Lorenzen et al.	128	207.14	02/12/1996
TKM	AI	5,623,922	4/29/1997	Smith	128	204.18	1/3/95
TKM	AJ	5,546,930	8/20/1996	Wikefeldt	128	201.13	9/2/93
TKM	AK	5,404,873	04/11/1995	Leagre et al.	128	204.18	6/16/93

## FOREIGN PATENT DOCUMENTS

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*		AL 93941	08/10/73	Austria				
*		AM 0 462 412 A2	12/27/91	European Patent Office				
*		AN 1 270 946	4/19/72	United Kingdom	A61M 16	00		
TKM	AO	WO 85/05277	12/05/85	Patent Cooperation Treaty				
TKM	AP	WO 91/19527	12/26/91	Patent Cooperation Treaty				
	AQ							

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

TKM	AR	Andrews, J. Jeffrey, <u>Inhaled Anesthetic Delivery</u> , Anesthesia, Fourth Edition, pp. 185; and 203-207
TKM	AS	Byrick, R.J., et al., "Rebreathing and Co-Axial Circuits: A Comparison of the Bain and Mera F", <u>Canad Anaesth Soc J</u> , Vol. 28, pages 321-328 (1981)
TKM	AT	Dorsch, Jerry A., M.D., Dorsch, Susan E., M.D., <u>Understanding Anesthesia Equipment</u> , Chapter 7, The Circle Absorption System, pp. 201-202 and 220-221

EXAMINER

Lynn Mitchell

DATE CONSIDERED

6/24/05

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\* No Copy Provided TKM

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. 7432-0054	APPLICATION NO. 10/811,121
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		FILING DATE 26/March/2004	ART UNIT 3743

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
Tkm	BA	5,377,670	1/3/1995	Smith	128	204.17	6/19/92
Tkm	BB	5,320,093	6/14/1994	Racmer	128	203.12	12/21/90
Tkm	BC	5,284,160	2/8/1994	Dryden	128	203.12	11/13/91
Tkm	BD	5,195,527	03/23/93	Hicks	128	205.12	11/18/1991
Tkm	BE	5,140,983	08/25/1992	Jinotti	128	207.14	8/24/90
Tkm	BF	5,121,746	06/16/1992	Sikora	128	203.12	5/29/91
Tkm	BG	5,088,486	02/18/1992	Jinotti	128	207.14	4/11/90
Tkm	BH	4,967,744	11/06/1990	Chua	128	204.18	11/3/98
Tkm	BII	4,938,210	07/02/1990	Shene	128	203.12	04/25/98
Tkm	BI	4,809,706	03/07/1989	Watson et al.	600	538	3/7/89
Tkm	BK	4,637,384	06/20/1987	Schroeder	128	204.18	2/15/85

## FOREIGN PATENT DOCUMENTS

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	BL							
	BM							
	BN							
	BO							
	BP							
	BQ							

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

Tkm	BR	Forrest, P.R., "Defective Anaesthetic Breathing Circuit", <i>Canad J Anaesth</i> , Vol. 34, pages 541-542 (1987)
Tkm	BS	Goresky, G.V., "Bain Circuit Delivery Tube Obstructions", <i>Canad J Anaesth</i> , Vol. 37, page 385 (1990)
Tkm	BT	Hannallah, R., et al., "A Hazard Connected With Re-Use of the Bains Circuit: A Case Report", <i>Canad Anaesth Soc J</i> , Vol. 21, pages 511-513 (1973)

EXAMINER

Jesse Marshall

DATE CONSIDERED

6/24/05

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<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE	
TKM	CA	4,621,634	11/11/1986	Nowacki et al.	128	204.18	1/27/84	
TKM	CB	4,596,246	06/24/1986	Lyall	128	202.27	2/24/84	
TKM	CC	4,463,755	08/07/1984	Suzuki	128	204.18	5/13/75	
TKM	CD	4,462,397	07/31/1984	Suzuki	128	200.14	4/01/82	
TKM	CE	4,391,271	07/05/1983	Blanco	128	203.12	4/06/81	
TKM	CF	4,367,769	01/11/1983	Bain	138	114	7/17/78	
TKM	CG	4,265,235	05/05/1981	Fukunaga	128	200.24	5/11/79	
TKM	CH	4,269,194	05/26/1981	Rayburn et al.	128	719	5/17/79	
TKM	CI	4,232,667	11/11/1980	Chalon et al.	128	203.26	9/5/78	
TKM	CJ	4,188,946	02/19/1980	Watson	128	204.22	10/7/77	
TKM	CK	4,007,737	02/15/1977	Paluch	128	188	4/7/75	
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<del>CQ</del>								
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
TKM	CR	Heath, P.J., et al., "Modified Occlusion Tests for the Bain Breathing System", <i>Anaesthesia</i> , Vol. 46, pages 213-216 (1991)						
TKM	CS	Jeretn, S. et al., "A Variable Deadspace Device for Use with the Engström Respirator", <i>Anesthesiology</i> , Vol. 34, pages 576-577 (1971)						
TKM	CT	Okazaki, et al., Effect of Carbon Dioxide (Hypocapnia and Hypercapnia) on Regional Myocardial Tissue Oxygen Tension in the Dog", <i>Anesthesiology</i> , Vol. 71, No. 3A, A486 (1989)						
EXAMINER Jenna [Signature]				DATE CONSIDERED 6/24/05				
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>								

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<b>U.S. PATENT DOCUMENTS</b>							
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TKM	DA 3,856,051	12/24/1974	Bain	138	114	1/18/73	
TKM	DB 3,713,440	01/30/1973	Nicholes	128	188	1/18/71	
TKM	DC 3,556,097	01/19/71	Wallace	128	188	9/25/69	
TKM	DD 4,896,666	01/30/1998	Hinkle	128	202.13	7/6/87	
TKM	DE 5,499,625	03/19/1996	Frass et al.	128	207.15	1/27/94	
TKM	DF 5,819,733	10/13/1998	Bertram	128	207.15	11/8/96	
TKM	DG 5,778,872	07/14/1998	Fukunaga et al.	128	205.29	11/18/96	
TKM	DH 5,983,891	05/16/1999	Fukunaga et al.	128	205.29	7/15/98	
TKM	DII 6,564,799	05/20/2003	Fukunaga et al.	128	205.29	3/28/01	
TKM	DJ 2003/0075176	04/24/2003	Fukunaga et al.	128	203.12	9/24/2002	
TKM	DK US2003/0183231	10/2/2003	Pedulla et al.	128	204.18	2/6/2003	
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<del>DQ</del>							
<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
TKM	DR	Okazaki, et al., Effect of Carbon Dioxide (Hypocapnia and Hypercapnia) on Regional Myocardial Tissue Oxygen Tension in Dogs with Coronary Stenosis", <i>Anesthesiology</i> , Vol. 73, No. 3A, A549 (1990)					
TKM	DS	Okazaki, et al., "Effect of Carbon Dioxide (Hypocapnia and Hypercapnia) on Internal Mammary-Coronary Arterial Bypass Graft Blood Flow and Regional Myocardial Oxygen Tension in the Dog", <i>Anesthesiology</i> , Vol. 81, No. 3A, A717 (1994)					
TKM	DT	Paterson, J.G., et al., "A Hazard Associated with Improper Connection of the Bain Breathing Circuit", <i>Canad Anaesth Soc J</i> , Vol. 22, pages 373-377 (1975)					
EXAMINER Jenna Mitchell				DATE CONSIDERED 6/24/05			
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

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<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPLICABLE
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<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
TKM	ER	Pilbeam, Susan P., <i>Mechanical Ventilation</i> , 2 <sup>nd</sup> Ed., Mosby year Book, St. Louis, Missouri, pages 285-286 (1992)					
TKM	ES	Pontoppidan, H., et al., "Acute Respirator Failure in the Adult", <i>New England Journal of Medicine</i> , Vol. 287, pages 743-752 (1972)					
TKM	ET	Robinson, S., et al., "Safety Check for the CPRAM Circuit", <i>Anesthesiology</i> , Vol. 59, pages 488-489 (1983)					
EXAMINER Jesse Mitchell				DATE CONSIDERED 6/24/05			
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<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
TKM	FR	Scott, P.V., et al., "Variable Apparatus Deadspace", <i>Anaesthesia</i> , Vol. 46, No. 9, pages 1047-1049 (1991)					
TKM	FS	Shapiro, B.A., et al., "Clinical Application of Respiratory Care", <i>Yearbook Medical Publishers, Inc.</i> , pages 351-352 ("Principles of Ventilator Maintenance") (1979)					
TKM	FT	Stoyka, W., "Usefulness of the Suwa Nomogram in Patients in Respiratory Failure", <i>The Canadian Anaesthetists' Society Journal</i> , pages 119-128 (1970)					
EXAMINER <i>Gene [Signature]</i>				DATE CONSIDERED 6/24/05			
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<b>INFORMATION DISCLOSURE STATEMENT</b> <i>(Use several sheets if necessary)</i>				APPLICANT <b>Burrow et al.</b>			
				FILING DATE <b>26/March/2004</b>		ART UNIT <b>3743</b>	
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<b>OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
TKM	GR	Suwa, K., et al., "Change in $P_{aCO_2}$ with mechanical dead space during artificial ventilation", <i>Journal of Applied Physiology</i> , Vol. 24, pages 556-561 (1968)					
TKM	GS	Advertisement of the CPRAM™ Coaxial Circuits by Dryden Corporation, Indianapolis, Indiana					
TKM	GT	Advertisement of the ACE Breathing Circuit™ by the Meridian Medical Systems, Inc., Indianapolis, Indiana					
EXAMINER <b>Jean [Signature]</b>				DATE CONSIDERED <b>6/24/05</b>			
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	HN						
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TKM	HR	Fletcher, R., Scott, P.V., Jones, R.P., "The variable deadspace is not necessary," Correspondence reported in <i>Anaesthesia</i> , Vol. 47, No. 7, pages 623-624 (1992).					
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EXAMINER <i>Leann Mitchell</i>				DATE CONSIDERED <i>6/24/05</i>			
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FOR PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO. 7432-0054	APPLICATION NO. 10/811,121
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TKM	EA	6,234,163	05/22/2001	Garrod, et al.	126	80	04/29/99
TKM	EB	6,672,388	01/06/2004	Esashi, et al.	138	119	12/9/99
TKM	EC	5,284,160	02/08/1994	Dryden	128	203.12	11/13/91
TKM	ED	4,593,690	06/10/1986	Sheridan, et al.	128	207.15	6/28/84
TKM	EE	5,005/613	04/09/1991	Stanley, et al.	141	45	6/8/90
TKM	EF	6,223,777	05/01/2001	Smith, et al.	138	109	10/18/99
TKM	EG	4,718,568	01/12/1988	Palu	220	86	11/12/86
TKM	EH	5,632,734	05/27/1997	Galel, et al.	604	282	10/10/95
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	EJ						
	EK						

## FOREIGN PATENT DOCUMENTS

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TKM	EL	81304018.5	02/09/1981	European Patent Office	—	—	Yes	
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	EQ							

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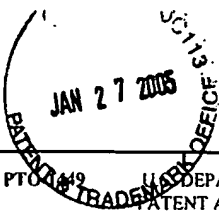
EXAMINER

*John Mitchell*

DATE CONSIDERED

6/24/05

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TKW	FA	5,769,702	June 23, 1998	Hanson	454	63	Feb 1, 1996
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	FT						
EXAMINER Jenna Mitchell				DATE CONSIDERED 6/24/05			
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